

Umetco Minerals Corporation



PO BOX 66 137 47th STREET • NIAGARA FALLS, NEW YORK 14302

July 31, 1986


Dr. F. J. Bradley
Principal Radiophysicist
New York State Department of Labor
Division of Safety and Health
Radiological Health Unit
One Main Street - Room 813
Brooklyn, NY 11201

Subject: Umetco Mineral Corporation
Niagara Falls, NY

Dear Dr. Bradley:

Low level radioactive vanadium bearing slag and ilmenite referred to in my letter to you of May 15, 1986 has been disposed of at the SCA Hazardous Waste Disposal Site. A copy of the Waste Manifest form and the approved invoices are enclosed

Very truly yours,


Dr. D. J. Hansen

mau/
Enclosures

cc: Messrs:
J. F. Frost
T. J. Kagetsu
R. F. Kelly
F. V. McMillen
D. G. Millenbruch

UCCNHT0002941

Umetco Minerals Corporation



PO BOX 579 4625 ROYAL AVENUE • NIAGARA FALLS NEW YORK 14302

May 15, 1986

Dr. F. J. Bradley
Principle Radiophysicist
New York State Department of Labor
Room 813
One Main Street
Brooklyn, NY 11202

Subject: Umetco Minerals Corporation, Niagara Falls, NY

Dear Dr. Bradley:

In our phone conversation of Tuesday, May 13 we discussed disposal of two low level radioactive materials that were discovered in a radiation survey of the Umetco property in Niagara Falls, NY. The first was illmenite sand (an iron titanium ore) that had been used to backfill a 10' x 10' concrete pit. The second was an isolated quantity of slag (calcium-aluminum oxide) from the furnacing of ferrovanadium. The illmenite sand was removed from the pit and currently is contained in 125 (one hundred twenty-five) 55-gallon drums. I would estimate total weight at approximately 40 to 50 tons. The slag is in lumps in a pile that I would estimate to contain 50 to 75 tons. Analyses of the materials are presented in the following Table 1.

TABLE 1
Radiochemical Analyses of Samples From the Niagara Plant

<u>Description</u>	<u>Analyses</u>				
	<u>URANIUM SERIES</u>			<u>THORIUM SERIES</u>	
	<u>Uranium</u> <u>µg/g</u>	<u>Th-230</u> <u>pCi/g</u>	<u>Ra-226</u> <u>pCi/g</u>	<u>Th-232</u> <u>pCi/g</u>	<u>Th-228</u> <u>pCi/g</u>
Illmenite Sand - Top of Pit	28.9	12±2	19±2	16±2	17±2
Illmenite Sand - 7' in Pit	44.3	22±2	31±3	37±2	39±3
Dark Slag-Yard East of Fce. Bldg.	20.2	299±7	4.4±1.1	16±2	4±9
Light Slag-Yard East of Fce. Bldg.	18.6	466±9	7.0±1.4	37±3	14±2

Industrial Code Rule 38, Table 5 "Limits for Uncontrolled Areas" limits source material to 0.05 percent by weight (500 µg/g or 500 ppm). For Thorium 232 this converts to 55 pCi/g. The concentrations of Th-232 reported in picocuries in Table 1 were converted to µg/g and added to the weight of uranium to determine the total source material present. This is shown in Table 2.

UCCNHT0002942

The gamma radiation measured at the surface during excavation of the pit and within the slag pile is also reported in Table 2.

TABLE 2

Weight of Source Material

<u>Sample</u>	<u>Uranium μg/g</u>	<u>Th-232 μg/g</u>	<u>Total Source Material μg/g</u>	<u>Gamma Radiation μR/hr*</u>
Ilmenite-Top of Pile	28.9	145.5	174.4	170
Ilmenite-7' In Pit	44.3	336.4	380.7	150
Dark Slag	20.2	145.5	165.7	150
Light Slag	18.6	336.4	355.0	200

*Ludlum Model 19 Micro R Meter - Reading at Surface

As we discussed the total source material in both materials is less than 500 μg/g, the limit for uncontrolled areas and the radiation is less than 250 μR, the limit for fixed surface contamination.

Although technically the material was not sufficiently radioactive to be controlled you convinced me that it was not a good idea to use it to fill a low area in the yard. If this were done then a rider would have to be appended to the lease that would restrict future building. Since this is not an attractive option I propose to dispose of both the slag and ilmenite in a local hazardous waste repository.

Unless I misunderstood, you did not voice an objection to this during our phone conversation. Therefore, I plan to immediately begin the paper work to initiate this course of action. However I will not remove anything from the property before June to allow you time to reconsider. I will not expect to hear from you unless you disapprove.

I enjoyed talking to you on Monday and I want to thank you again for the assistance you provided

Sincerely



D. J. Hansen
Assistant Director - Technology

cc: Messrs:
R. F. Kelly
R. G. Beverly
F. V. McMillen

Blind Copies: Messrs:
J. F. Frost
T. J. Kagetsu
D. G. Millenbruch
R. L. Miller
W. D. Smith
C. T. Wentzel

UCCNHT0002943



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE
HAZARDOUS WASTE MANIFEST
P O Box 12820, Albany, New York 12212

Form Approved OMB No 2000-0404 Expires 7/31/86

Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA No WYD094171154		Manifest Document No		2 Page 1 of 1		Information in the shaded areas is not required by Federal Law	
3 Generator's Name and Mailing Address UMETCO MINERALS CORP 137 47TH ST NIAGARA FALLS, N.Y. 14303				6 US EPA ID Number WYD051809952		A State Manifest Document No NY A 399273 6			
4 Generator's Phone (716) 278-3573				8 US EPA ID Number		B Generator's ID SAME			
5 Transporter 1 (Company Name) BUFFALO FUEL CORP.				10 US EPA ID Number		C State Transporter's ID MS0403 NY			
7 Transporter 2 (Company Name)				12 Containers		D State Transporter's Phone (716) 775-4211			
9 Designated Facility Name and Site Address SCA CHEMICAL SERVICES 1550 BALAHER RD AMUEL CITY, NY 14107				13 Total Quantity		E State Transporter's ID			
11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				14 Unit Wt/Vol		F Transporter's Phone ()			
a HAZARDOUS WASTE SOLID AQS				No. 44		G State Facility's ID			
b OKM-E NA9189				Type DM35000P		H Facility's Phone (716) 754-8231			
c						I Waste No.			
d						0005			
J Additional Descriptions for Materials listed Above						0007			
a Titanium Oxide						0009			
b									
c									
d									
K Handling Codes for Wastes Listed Above									
a <input checked="" type="checkbox"/>									
b <input type="checkbox"/>									
c <input type="checkbox"/>									
d <input type="checkbox"/>									
15 Special Handling Instructions and Additional Information F60593 WO 106739				Invoice Tech Service All Drums 5-7-16					
16 GENERATOR'S CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations									
Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002 (b) of RCRA, I also certify that I have a program in place to reduce volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment									
Printed/Typed Name Albert M Gonas				Signature Albert M Gonas		Mo Day Year 16 4 98			
17 Transporter 1 (Acknowledgement of Receipt of Materials)									
Printed/Typed Name JOHN GIFFS-LIER				Signature John Giff-Lier		Mo Day Year 16 4 98			
18 Transporter 2 (Acknowledgement or Receipt of Materials)									
Printed/Typed Name				Signature		Mo Day Year			
19 Discrepancy Indication Space									
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19									
Printed/Typed Name Donna J Ames				Signature Donna J Ames		Mo Day Year 06 20 98			



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P O Box 12820, Albany, New York 12212

Form Approved OMB No 2000-0404 Expires 7 31 86

Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA No NY00094171154		Manifest Document No		2 Page 1 of 1		Information in the shaded areas is not required by Federal Law			
3 Generator's Name and Mailing Address UNITED MACHINERY CORPORATION 137-47th St MINEOLA, NY 11430				A State Manifest Document No NY A 399272 5							
4 Generator's Phone (716) 278 3373				B Generator's ID SAME							
5 Transporter 1 (Company Name) BUFFALO FUEL CORP.				6 US EPA ID Number NY0051809952		C State Transporter's ID NY00635 N.Y.					
7 Transporter 2 (Company Name)				8 US EPA ID Number		D Transporter's Phone (716) 773-4421					
9 Designated Facility Name and Site Address SOA Chemical Service 1550 Central Ave Model City, N.Y. 14101				10 US EPA ID Number NY0049836679		E State Transporter's ID					
						F Transporter's Phone					
						G State Facility's ID					
						H Facility's Phone (716) 754 8231					
11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12 Containers		13 Total Quantity		14 Unit	
						No.	Type	Wt/Vol		Waste No.	
a HAZARDOUS WASTE SOLID, NOS ORILL-LE NA 9189						034		0700M30000P		0005 0007 0009	
b											
c											
d											
J Additional Descriptions for Materials listed Above Iron Titanium Oxide						K Handling Codes for Wastes Listed Above					
a						a <input checked="" type="checkbox"/> L <input type="checkbox"/>					
b						b <input type="checkbox"/> <input type="checkbox"/>					
c						c <input type="checkbox"/> <input type="checkbox"/>					
d						d <input type="checkbox"/> <input type="checkbox"/>					
15 Special Handling Instructions and Additional Information a. F 60593 WO 106738 INVOICE Tech Service All Units 555-1111											
16 GENERATOR'S CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002 (b) of RCRA, I also certify that I have a program in place to reduce volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment											
Printed/Typed Name Albert M. Gomas						Signature Albert M. Gomas					
17 Transporter 1 (Acknowledgement or Receipt of Materials)						Mo Day Year 1 6 1986					
Printed/Typed Name Clarence E. Yancey Jr.						Signature Clarence E. Yancey Jr.					
18 Transporter 2 (Acknowledgement or Receipt of Materials)						Mo Day Year 1 6 1986					
Printed/Typed Name						Signature					
19 Discrepancy Indication Space											
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19											
Printed/Typed Name Phyllis A. Conwell						Signature Phyllis A. Conwell					
						Mo Day Year 10 6 1986					



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P O Box 12820, Albany, New York 12212

Form Approved OMB No 2000-0404 Expires 7 31 86

Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA No NYD094171154		Manifest Document No		2 Page 1 of 1		Information in the shaded areas is not required by Federal Law			
3 Generator's Name and Mailing Address UMETCO Mineral Corp 137-47TH STREET, NICOSY FULLS, NY 14807						A State Manifest Document No NY A 399265 7					
4 Generator's Phone (716) 278-3573						B Generator's ID SAME					
5 Transporter 1 (Company Name) Buffalo Fuel Company						C State Transporter's ID W64912					
7 Transporter 2 (Company Name)						D Transporter's Phone (716) 773 1921					
6 US EPA ID Number NYD051804452						E State Transporter's ID					
8 US EPA ID Number						F Transporter's Phone ()					
9 Designated Facility Name and Site Address SEA Chemical Services 100 E. Main Road Munk City, NY 14107						G State Facility's ID SAME					
10 US EPA ID Number WYD049836679						H Facility's Phone (716) 754-8231					
11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12 Containers		13 Total		14 Unit	
						No.		Quantity		Wt/Vol	
a Hazardous waste solid, NO2						001		00000		T	
OR ME NA 9129										P120	
b											
c											
d											
J Additional Descriptions for Materials listed Above						K Handling Codes for Wastes Listed Above					
a F60590						a <input checked="" type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d <input type="checkbox"/>					
b						b <input type="checkbox"/> c <input type="checkbox"/> d <input type="checkbox"/>					
15 Special Handling Instructions and Additional Information w/o 106735											
16 GENERATOR'S CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified packed marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002 (b) of RCRA, I also certify that I have a program in place to reduce volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment storage or disposal currently available to me which minimizes the present and future threat to human health and the environment											
Printed/Typed Name Albert M. Ganas						Signature Albert M. Ganas					
17 Transporter 1 (Acknowledgement of Receipt of Materials)						Mo Day Year 6 18 86					
Printed/Typed Name E. Wilson						Signature E. Wilson					
18 Transporter 2 (Acknowledgement or Receipt of Materials)						Mo Day Year 06 18 86					
Printed/Typed Name E. Wilson						Signature E. Wilson					
19 Discrepancy Indication Space Actual qty rec'd 68,880 lbs											
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19											
Printed/Typed Name PHYLLIS A. CONWELL						Signature Phyllis A. Conwell					
						Mo Day Year 06 18 86					



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE
HAZARDOUS WASTE MANIFEST
P O Box 12820, Albany, New York 12212

Form Approved OMB No 2000 0404 Expires 7 31 86

Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA No	Manifest Document No	2 Page 1	Information in the shaded areas is not required by Federal Law	
3 Generator's Name and Mailing Address UMETLOM, INC., CORPORATION 137-47TH STREET MIDWOOD, NY 11430		4 Generator's Phone (716) 278-2573		A State Manifest Document No NY A 399262 4		
5 Transporter 1 (Company Name) Buffalo Fuel Company		6 US EPA ID Number NY D051809952		B Generator's ID Same		
7 Transporter 2 (Company Name) Buffalo Fuel Company		8 US EPA ID Number		C State Transporter's ID 1813		
9 Designated Facility Name and Site Address SCA Chem. Services 1550 Balmer Road Macedon City NY 14107		10 US EPA ID Number NY D049836674		D Transporter's Phone (716) 751-8231		
				E State Transporter's ID		
				F Transporter's Phone ()		
				G State Facility's ID Same		
				H Facility's Phone (716) 751-8231		
11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12 Containers	13 Total Quantity	14 Unit	15 Waste No.	
a Hazardous waste solid NOS ORME WA 9189		No. 0101	Type DT 00.02	Unit P	Waste No. P120	
b						
c						
d						
J Additional Descriptions for Materials listed Above		K Handling Codes for Wastes Listed Above				
a F60520		a <input checked="" type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d <input type="checkbox"/>				
b		a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d <input type="checkbox"/>				
15 Special Handling Instructions and Additional Information W/10 106733						
16 GENERATOR'S CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002 (b) of RCRA, I also certify that I have a program in place to reduce volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.						
Printed/Typed Name Albert M Gonas		Signature Albert M Gonas		Mo Day Year 6/18/86		
17 Transporter 1 (Acknowledgement of Receipt of Materials)		Signature John Weaver		Mo Day Year 06/18/86		
Printed/Typed Name JOHN WEAVER		Signature		Mo Day Year		
18 Transporter 2 (Acknowledgement of Receipt of Materials)		Signature		Mo Day Year		
Printed/Typed Name		Signature		Mo Day Year		
19 Discrepancy Indication Space Actual qty rec'd 40,500 lbs						
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19						
Printed/Typed Name PHYLLIS A CONWELL		Signature Phyllis A Conwell		Mo Day Year 06/18/86		



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P O Box 12820, Albany, New York 12212

Form Approved OMB No 2000-0404 Expires 7 31 85

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UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA No WYD0941711541		Manifest Document No		2 Page 1 of		Information in the shaded areas is not required by Federal Law			
3 Generator's Name and Mailing Address UMETCO MINERALS CORP. 137-47th ST NIAGARA FALLS, N.Y. 14303						A. State Manifest Document No NY A 399275 8					
4 Generator's Phone (716) 278-3232						B. Generator's ID SAME					
5 Transporter 1 (Company Name) SCA CHEMICAL SERVICES						C. State Transporter's ID 369229VNY					
6 Transporter 1 (US EPA ID Number) WYD049836679						D. Transporter's Phone (716) 773-1421					
7 Transporter 2 (Company Name)						E. State Transporter's ID					
8 US EPA ID Number						F. Transporter's Phone ()					
9 Designated Facility Name and Site Address SCA CHEMICAL SERVICES 1550 BALMER RD MODEL CITY, N.Y. 14107						G. State Facility's ID					
10 US EPA ID Number WYD049836679						H. Facility's Phone 716 754-8231					
11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12 Containers		13 Total Quantity		14 Unit	
						No. Type				Waste No.	
a HAZARDOUS WASTE SOLIDS NOS ORM-E NA9189						10 DM		8000 P		D005 D007 D009	
b											
c											
d											
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above					
a IRON-TITANIUM OXIDE						a <input checked="" type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d <input type="checkbox"/>					
b						b <input type="checkbox"/> c <input type="checkbox"/> d <input type="checkbox"/>					
15 Special Handling Instructions and Additional Information W.C. 106806 F 60593											
16 GENERATOR'S CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002 (b) of RCRA, I also certify that I have a program in place to reduce volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.											
Printed/Typed Name Albert M. Gones						Signature Albert M. Gones		Mo Day Year 10/6/2018			
17 Transporter 1 (Acknowledgement or Receipt of Materials)											
Printed/Typed Name PHILIP W RUESE						Signature Philip W. Ruess		Mo Day Year 10/6/2018			
18 Transporter 2 (Acknowledgement or Receipt of Materials)											
Printed/Typed Name						Signature		Mo Day Year			
19 Discrepancy Indication Space											
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19											
Printed/Typed Name Lynn Piechowski						Signature Lynn Piechowski		Mo Day Year 10/6/2018			



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P O Box 12820, Albany, New York 12212

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UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA No NYD094171154		Manifest Document No		2 Page 1 of		Information in the shaded areas is not required by Federal Law					
3 Generator's Name and Mailing Address UMICO MINERALS CORP 137 97TH ST NIALAMA FALLS, NY. 14303						A State Manifest Document No NY-A 399274 7							
4 Generator's Phone (716) 278-3232						B Generator's ID SAME							
5 Transporter 1 (Company Name) BUFFALO FUEL						C State Transporter's ID 194635 N.Y.							
6 US EPA ID Number NYD051809952						D Transporter's Phone (716) 773-1921							
7 Transporter 2 (Company Name)						E State Transporter's ID							
8 US EPA ID Number						F Transporter's Phone ()							
9 Designated Facility Name and Site Address SCA CHEMICAL SERVICES 1550 BALMAIN RD MIDDLE CITY, N.Y. 14107						G State Facility's ID							
10 US EPA ID Number NYD049036679						H Facility's Phone 716 754-8231							
11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12 Containers		13 Total Quantity		14 Unit Wt/Vol		Waste No.	
a HAZARDOUS WASTE SOLID NOS ORM-E NA 9189						No. 36 Type DM		30,000		P		D005 D007 D009	
b													
c													
d													
J Additional Descriptions for Materials listed Above						K Handling Codes for Wastes Listed Above							
a IRON TITANIUM OXIDE						a <input checked="" type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d <input type="checkbox"/>							
b						b <input type="checkbox"/> d <input type="checkbox"/>							
15 Special Handling Instructions and Additional Information W O. 106 805 F 60593													
16 GENERATOR'S CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002 (b) of RCRA, I also certify that I have a program in place to reduce volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.													
Printed/Typed Name Albert M. Gomas						Signature Albert M. Gomas Mo Day Year 1 6 20 86							
17 Transporter 1 (Acknowledgement of Receipt of Materials)													
Printed/Typed Name Clarence E. Yancey Jr						Signature Clarence E. Yancey Jr Mo Day Year 1 6 20 86							
18 Transporter 2 (Acknowledgement of Receipt of Materials)													
Printed/Typed Name						Signature Mo Day Year							
19 Discrepancy Indication Space													
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19													
Printed/Typed Name PHILLIS A. CONWELL						Signature Phyllis A. Conwell Mo Day Year 1 6 20 86							



SCA
CHEMICAL WASTE MANAGEMENT, INC.
TECHNICAL SERVICE
P.O. Box 200
Model City, New York 14107

net 30 days

ALL PAST DUE AMOUNTS WILL BEAR IN
TEREST AT TWO PERCENT PER MONTH OF
THE MAXIMUM RATE ALLOWED BY LAW
WHICHEVER IS LESS

Umetco Minerals Corporation
Accounting Department
P.O. Box 1029
Grand Junction, Colorado 81502

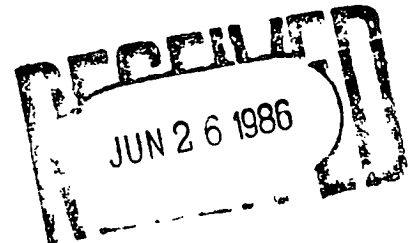
CUSTOMER ACCOUNT NUMBER

Ref. Cont. #250-07117

INVOICE NUMBER	INVOICE DATE	PAGE
00556	6/20/86	

Disposal of 75.69 tons of vanadium slag removed from
the Umetco site located at 137 47th St., Niagara Falls, NY
on June 12, 1986

*1/4/2000 for payment
Diffensen 7/3/86
Charge # 3451-20301*



JUN 26 1986

REMIT TO
ADDRESS

P.O. Box 8000 Dept. 660
Buffalo, NY 14267

PLEASE PAY
THIS AMOUNT

\$13,548.00

(PLEASE RETURN THIS COPY WITH YOUR REMITTANCE)

UCCNHT0002950



SCA Chemical Services, Inc.
Model City Facility
P O Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

June 20, 1986

UMETCO MINERALS CORPORATION
Accounting Department
P.O. Box 1029
Grand Junction, Colorado 81502

Reference Cont.: #250-07117

Chemical Waste Management wishes to submit an invoice of \$13,548.00 for the disposal of 75.69 tons of vanadium slag removed from the Umetco site located at 137 47th Street, Niagara Falls, New York, on June 18, 1986.

Attached please find three weight tickets verifying the tonnage of slag disposal at SCA/Chemical Waste Management, Model City, New York.

Sincerely,

SCA CHEMICAL SERVICES, INC.
MODEL CITY FACILITY

Gary Shirley
Technical Service Manager

RECEIVED

JUL 11 1986

UNION CITY

GS:sls

141-2-10

RECEIVED
JUN 26 1986

UCCNHT0002951



SCA
CHEMICAL WASTE MANAGEMENT, INC.
TECHNICAL SERVICE
P O Box 200
Model City, New York 14107

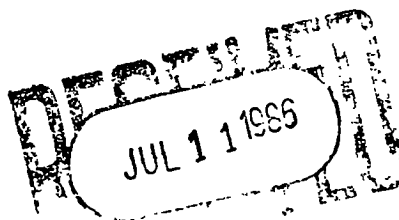
net 30 days

ALL PAST DUE AMOUNTS WILL BEAR IN
TEREST AT TWO PERCENT PER MONTH OF
THE MAXIMUM RATE ALLOWED BY LAW
WHICHEVER IS LESS

Umetco Minerals Corporation
Accounting Department
P.O. Box 1029
Grand Junction, Colorado 81502

CUSTOMER ACCOUNT NUMBER		
P.O. #250-07117		
INVOICE NUMBER	INVOICE DATE	PAGE
00558	6/30/86	

Disposal of 125 drums of Illmenite removed from Umetco site located
at 137 47th Street, Niagara Falls, New York on 6/19/86 and 6/20/86



REMIT TO
ADDRESS

P O Box 8000 Dept 660
Buffalo, New York 14267

PLEASE PAY
THIS AMOUNT

\$14,200

(PLEASE RETURN THIS COPY WITH YOUR REMITTANCE)

UCCNHT0002952



SCA Chemical Services. Inc.
Model City Facility
P O Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

June 30, 1986

Umetco Minerals Corporation
Accounting Department
P.O. Box 1029
Grand Junction, Colorado 81502

Dear Sir:

Chemical Waste Management wishes to submit an invoice of \$14,200.00 against P.O.#250-07117 for the disposal of 125 drums of Ilmenite, (Hazardous Waste Chemical), removed from the Umetco site located at 137 47th Street, Niagara Falls, New York, on 6/19/86 and 6/20/86.

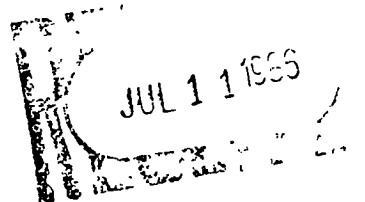
Please do not hesitate to contact me if I can be of further assistance.

Sincerely,

SCA CHEMICAL SERVICES, INC.
MODEL CITY FACILITY


Gary Shirley
Technical Service Manager

GS:sls



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